

Ihavak Areergol (He/ They)

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Highlight of Qualifications

- Energetic Civil Engineer Student who is passionate at designing and developing construction projects.
- Distinctly skilled at connecting to stakeholders with excellent verbal and written skills.
- Familiar with surveying data tools such as a digital theodolite and is skilled at analysing results.
- Strong creative presence in projects with the ability to use critical thinking to solve issues.

Education

Bachelor of Science in Civil Engineering

2019-Present

University of Manitoba

GPA: 3.5/4.5

Relevant Coursework: Infrastructure Engineering and Construction Management, Reinforced Concrete Structures, Geotechnical Design, Design of Steel Structures

Relevant Skills

Development/Design

- Prepared detailed drawings using AutoCAD to meet customer specifications and building codes.
- Worked extensively on agriculture product design to meet specifications and industry standards.
- Led team including architects, contractors and other engineers to finish projects safely and on time.
- Problem solved various issues when faced with setbacks and developed project plans to avoid issues.

Communication/Analysis

- Collaborated with other engineer professionals and students to meet specifications of projects.
- Drafted, wrote, and presented several papers regarding various land development assignments.
- Examined ISO 9001 design practices and identified problem areas to present to supervisors.
- Performed fault finding on pavement materials to ensure cracking was prevented.

Related Work Experience

Land Use Technician

2021

Brown and Company Land Surveyors, Winnipeg, MB

- Provided technical guidance to fabrication specialist by supporting and developing AutoCAD designs.
- Analysed data from surveys to make recommendations for \$3.5 million Bridge re-development project.
- Recorded measurements during field surveys and utilised data to monitor land quality.
- Prepared detailed drawings and reports from survey data collected to prepare to corporation teams.

Engineering Aid

2020

Manitoba Highway and Transportation, Winnipeg, MB

- Performed transport system analysis tactfully to ensure uninterrupted traffic flow on highways.
- Assisted installation of traffic road sensors while being mindful to design specifications and drawings.
- Communicated with different departments and determined work requirements to support team.
- Prepared traffic study forecasts to support senior staff on projects with multiple stakeholders

Other Work Experience

Cashier 2018 – present

Petro Canada, Winnipeg, MB

- Handled cash transactions as customer-facing employee and made daily bank deposits accurately.
- Assisted customers and stocked inventory count to maintain optimum directory levels and services.
- Collaborated with coworkers to efficiently input client data and provide seamless service daily.

Sandwich Artist 2016-2018

Subway, Winnipeg, MB

- Cleaned and maintained workplace to provide a safe and pleasant environment for customers.
- Memorized formulas and assembled sandwiches with precision to provide consistent experience.
- Presented information from menu accurately with a friendly manner to reflect company policies.

Extra-Curricular Activities

Organizer/Designer 2018 – Present

Great Northern Concrete Toboggan Race

- Organized the teams and events that run throughout the day for members to participate in
- Collaborated with the planning committee to lay out the schedule for the activities and events

Assistant Coach, 2017 – 2018

Twins Atom Hockey Team

- Assisted coaches with team-building activities to promote cohesive plays and participation from team.
- Incorporated a training regime during practices that prepared group of 15 boys to succeed in games.

Additional Skills

Computer Software	AutoCAD, MATLAB, SolidWorks, Microsoft Office Suite (Word, Excel, Outlook, PowerPoint, Teams), Zoom
Engineer Tools	Compasses, Cinometers, Theodolites, Levels, Grade rods, Magnetic locators,
License/Certification	Class 5 Drivers License, Food Handlers Certification

Awards

Dean's Honour List, Faculty of Engineering 2020

University of Manitoba

Association of Professional Engineers of Manitoba Scholarship 2020

University of Manitoba

Memberships

Member, Institute of Transportation Engineers 2022 – present

Student Member, Canadian Society of Civil Engineers 2021 – present